

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	3540	345/76,82,46.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:42
L3	9	((first same second) near electrode) same (organic adj layer) same (LED (light adj emitting adj (diode element))) same voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:49
L4	0	((first same second) near electrode) same (organic adj layer) same (LED (light adj emitting adj (diode element))) same (control\$4 near (duty adj cycle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:50
L5	2	((first same second) sameelectrode) same (organic adj layer) same (LED (light adj emitting adj (diode element))) same (control\$4 near (duty adj cycle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:51
L6	2	((first same second) same electrode) same (organic adj layer) same (LED (light adj emitting adj (diode element))) same (control\$4 near (duty adj cycle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 11:55
L7	2	"6023259".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:03
L9	18	control same (duty adj cycle) same ((organic adj LED) OLED)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 11:06
L10	1	"20060152452"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 10:38
L12	56682	johnson.in. huiberts.in. weijer.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 10:40

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L13	67	(duty adj cycle) same ((organic adj LED) OLED)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 11:54
L14	13	2 and 13	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 11:50
L15	1	10 and 13	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 11:14
L16	0	7 and 13	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 11:15
L17	0	7 and (duty adj cycle)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 13:41
L18	0	7 and (duty near cycle)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 11:15
L19	339	(LED (light adj emitting adj (diode element)) OLED) same (control\$4 near (duty adj cycle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 11:57
L20	7	19 and ((short adj circuit) same reduced)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 12:01
L21	380	(risk near (short adj circuit) near5 reduc\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 12:11
L22	2	(risk near (short adj circuit) near5 reduc\$3) near5 (duty adj cycle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 12:04
L23	4	(risk near (short adj circuit) near5 reduc\$3) same (LED (light adj emitting adj (diode element)) OLED)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 12:05

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L24	35	(risk near (short adj circuit) near5 reduc\$3) and (LED (light adj emitting adj (diode element)) OLED)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 15:16
L25	1	2 and 21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 12:07
L26	88169	"345"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 12:08
L27	5	21 and 26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 12:08
L28	82	("5247190"   "5294810"   "5294869"   "5294870"   "5331182"   "5349209"   "5352906"   "5408109"   "5424560"   "5457565"   "5482896"   "5486406"   "5504323"   "5514878"   "5518824"   "5530269"   "5532550"   "5546413"   "5552547"   "5552678"   "5583349"   "5583350"   "5587589"   "5714968"   "5751263").PN. OR ("6023259"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 12:08
L29	179	21 and (voltage range)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 12:14
L30	37	29 and display	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 12:15

## EAST Search History

L31	60	(risk near (short adj circuit) near5 reduc\$3) and ((organic LED) (light adj emitting adj (diode element)) OLED)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 12:20
L32	9	("4895734"   "5504323"   "5552678"   "5828181"   "5929561"   "5965901"   "6525484"   "6720091"   "6888317").PN. OR ("7227313"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 12:29
L33	2	31 and 32	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 12:30
L34	8	("4895734"   "5504323"   "5552678"   "5828181"   "5929561"   "5965901"   "6720091").PN. OR ("6888317"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 12:31
L35	19	("4182553"   "5164799"   "5210472"   "5367585"   "5598056"   "5669486"   "5680160"   "5748159"   "5818174"   "5844362"   "5871088"   "5874803"   "5901834"   "5950808"   "5962962"   "6037719"   "6091197").PN. OR ("6677709"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 12:53
L36	14	("20010043173"   "5952789"   "6023259"   "6157356"   "6479940"   "6518962"   "6552703"   "6710548"   "6809710"   "6859193"   "6861810"   "6864637"   "6885356").PN. OR ("7071932"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 13:33
L37	3	OLED same (duty adj cycle) near control\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 13:42
L38	7266	(duty adj cycle) near control\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 13:43
L39	177	26 and 38	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 13:43

## EAST Search History

L40	2	(risk near (short adj circuit) near5 reduc\$3) same (LED (light adj emitting adj (diode element)) OLED PLED) same voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 15:20
L41	14	(risk near (short adj circuit) near5 reduc\$3) and (LED (light adj emitting adj (diode element)) OLED PLED) same voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 15:30
L42	7	((risk near (short adj circuit) near5 reduc\$3) same voltage) and (LED (light adj emitting adj (diode element)) OLED PLED)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 15:23
L43	5	((risk near (short adj circuit) near5 reduc\$3) same electrode) and ((LED (light adj emitting adj (diode element)) OLED PLED) same voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 15:26
L44	2	(LED (light adj emitting adj (diode element)) OLED PLED) same ((voltage pulse current) near (range limit)) same (risk near (short adj circuit) near5 reduc\$3) same (electrode diode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 15:33
L45	2	(LED (light adj emitting adj (diode element)) OLED PLED) same ((voltage pulse current) near (range limit)) same (risk near ((short adj circuit) (breakdown)) near5 reduc\$3) same (electrode diode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 15:33
L46	9	(LED (light adj emitting adj (diode element)) OLED PLED) and ((voltage pulse current) near (range limit)) and (risk near ((short adj circuit) (breakdown)) near5 reduc\$3) and (electrode diode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 15:34
L47	245	(LED (light adj emitting adj (diode element)) OLED PLED) and ((voltage pulse current) near (range limit)) and (((short adj circuit) (breakdown)) near5 reduc\$3) and (electrode diode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 15:36

## EAST Search History

L48	7	(LED (light adj emitting adj (diode element)) OLED PLED) same ((voltage pulse current) same (range limit)) same (((short adj circuit) (breakdown)) near5 reduc\$3) same (electrode diode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 15:36
L49	9	(LED (light adj emitting adj (diode element)) OLED PLED) and ((voltage pulse current) near (range limit)) same (((short adj circuit) (breakdown)) near5 reduc\$3) same (electrode diode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/09/13 15:36